

This Career Pathway Plan of Study can serve as a guide. Courses listed within this plan are only recommended coursework and should be individualized to meet your educational and career goals.



## NH High Schools ➡ NH Technical Institute Paramedic Emergency Medicine

### Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

**Bold** – Prerequisite for College Success  
Black – High School Requirement

**Bold & Underlined** – Articulated Credit  
*Italic* – Imbedded Academic Core Credit

**BOLD, UNDERLINED & ALL CAPITALS** -  
Transcripted Dual Enrollment Credit

	Grade	English/ Language Arts	Math	Science	Social Studies /Sciences	Other Required Courses (R) Recommended Electives (E)	*Career and Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to This Pathway
S E C O N D A R Y	9	English	<b>Algebra 1</b> (3 math cr, including algebra credit that can be earned through a sequential, integrated or applied program)	Physical Science	World History, Global Studies, or Geography ½ cr	Information & Communications Technologies ½ cr or demonstrated proficiency (R) Physical Education 1 cr		► First Responder in Ambulances Emergency Rooms Police Department Fire Department
	10	English	Geometry	<b>Biology (lab)</b>	Economics ½ cr US & NH Government/Civi cs ½ cr	Arts Education ½ cr (R) Health Education ½ cr (R)		
	11	English	Algebra 2	<b>Chemistry (lab)</b>	US & NH History 1 cr	6 open electives	Health Science Technologies 1	
	12	English					Health Science Technologies 2	
P O S T S E C O N D A R Y	Paramedic Emergency Medicine Associate in Science Degree							<b>*Notes:</b> Required for Program Admission: - 18 years or older -Copy of National Registry or State EMT -Current BCLS (Basic Life Support) & CPR (cardiopulmonary resuscitation) -Letter of recommendation from EMS Supervisor -Documentation of 100 hours of completed field calls to verify sufficient basic life support (BLS) experience and served as team leader prior to the start of the program. - Personal interview.
	13	English Composition	Math for Allied Health or Math Elective  (Agebra I (part I and part II) with "C" or higher may substitute for High School Algebra I)	Anatomy & Physiology 1 & 2			Physical Assessment Cardiology 1& Advance Cardiology Advanced Trauma Integration Lab 1& 2 Paramedic Procedures Pharmacology Medical Emergencies	
	Summer						Introduction to Clinical Environment Hospital Clinic	
	14	Communications		Pathophysiology	Introduction to Psychology	PC Applications (R)  Humanities/Fine Arts/Foreign Language Elective (R)	Integration Lab 3 & 4 Introduction to the Field Experience Special Populations Field Clinical 1 & 2 Field Operations Advance Paramedic Practice	
Industry Certifications Available: Certified EMT/Paramedic, Registered Paramedic								